National Weather Service
Storm Data and Unusual Weather Phenomena

November 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm

KENTUCKY, Northeast

KYZ103 **Boyd**

04	**0800EST 1000EST**	**0**	**0**	**100K**		**Flood**

Warm frontal rain began around 0000E, but intensified in eastern Kentucky after 0400E. A narrow southwest to northeast band of heavier embedded thunderstorms crossed Boyd County between 0600 to 0700E, followed by a second enhanced area around 0800E. The rains ended by midmorning, after the warm front lifted to the north. A narrow corridor, from near Princess on northeast to Ashland, saw an average of 2 to 3 inches of rain in 6 to 10 hours. The cooperative observer in Ashland had the maximum reported with 3.3 inches.

Numerous roads were blocked by small stream flooding. A few houses were surrounded by water, but damage was minimum. Urban street flooding affected Ashland. A machine shop in Ashland saw flooding from drainage off the adjacent hillsides. The county school system was closed for the day.

OHIO, Southeast

OHZ087 **Lawrence**

04	**0820EST 1000EST**	**0**	**0**	**400K**		**Flood**

Warm frontal rain began near 0000E, but intensified toward dawn. Embedded convection caused narrow bands of heavy rain to cross the county from southwest to northeast between 0500E and 0830E. The rain ended by midmorning, as the warm front lifted north of Lawrence County. A 2 to 3 inch rain maximum fell in 6 to 10 hours. The corridor of maximum rain went from near Sheridan on northeast toward Scottown.

The worst flooding appeared to be concentrated along the small drainage of Lick Creek. A vertical rise of at least 15 feet was reported along portions of Lick Creek. Rankins Creek, Leatherwood Creek, Greasy Creek, and McKinney Creek were some of the other creeks affected. One resident along Lick Creek said, "we barely got out at all, in just a few minutes, your whole life is gone."

Lawrence County Emergency Services surveyed 5 mobile homes that were destroyed. Eleven homes had major damage across the county, with minor damage to 14 other homes. The value of these homes was generally below average. Some other property damage was due to clogged culverts or ditches, that could not handle the runoff.

VIRGINIA, Northwest

NONE REPORTED.

WEST VIRGINIA, West

WVZ007>008 **Mason - Jackson**

04	**0850EST 1015EST**	**0**	**0**	**20K**		**Flood**

Warm frontal rain began near 0000E. The rain intensified between 0600E and 0830E, as embedded convection developed. The rain ended after 1000E, as the warm front lifted north of Mason and Jackson Counties. The event was over a 6 to 10 hour time frame.

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WEST VIRGINIA, West

Rain totals of 2 to 2.5 inches fell across a narrow southwest to northeast band, affecting northern Mason County into portions of southern and central Jackson County.

In Mason County, roads were flooded by small streams in the Point Pleasant, Leon, to New Haven triangle. In Jackson County, roads around Evans, Ripley, and north toward Silverton were flooded by small streams. Streams such as Syramore Creek and Trace fork were affected. No significant damage to dwelling occurred in Mason or Jackson Counties.